

Heilbrigðiseftirlit Suðurnesja
B/t : Ásmundur Þorkelsson
Fitjum
260 Reykjanesbær



4.11.2022

Hérna eru niðurstöður efnagreininga á einu neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB, Täby í Svíþjóð til mælinga.
Sýnið var tekið 17. október 2022 á eftirtöldum stað:
R22-2410-2/H2/HS Veitur-Vatnsveita Reykjanesbæjar-Háleitusskóli

Niðurstöður: (sjá einnig frá Svíþjóð, Report ST2233800)

	Sýni nr.	R22-2410-2
Chloroform	µg/L	<0.10
Bromoform	µg/L	<0.20
Dibromochloromethane	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
Sum of 4 Trihalomethanes (M1)	µg/L	<0.250
Aluminum	µg/L	4,45
Arsenic	µg/L	<0.05
Barium	µg/L	0,329
Cadmium	µg/L	<0.002
Calcium	mg/L	8,02
Chromium	µg/L	0,346
Cobalt	µg/L	0,00633
Copper	µg/L	8,79
Iron	mg/L	0,104
Lead	µg/L	0,0403
Magnesium	mg/L	6,4
Manganese	µg/L	1,62
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,0783
Nickel	µg/L	0,0865
Phosphorus	µg/L	14,7
Potassium	mg/L	1,41
Silicon	mg/L	7,15
Sodium	mg/L	35,6
Strontium	µg/L	29,8
Vanadium	µg/L	11,5
Zinc	µg/L	5,52
Lithium	µg/L	1,22
Antimony	µg/L	<0.01
Boron	µg/L	11,3
Selenium	µg/L	0,411
Sulfur	mg/L	3,01
Benzene	µg/L	<0.2
Toluene	µg/L	<0.2
Ethylbenzene	µg/L	<0.2
Sum of Xylenes	µg/L	<0.2
Naphthalene	µg/L	<0.0070
Acenaphthylene	µg/L	<0.0010
Acenaphthene	µg/L	<0.0010
Fluorene	µg/L	<0.0010
Phenanthrene	µg/L	<0.0010
Anthracene	µg/L	<0.0010
Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010

Chrysene	µg/L	<0.0010
Benzo(b)fluoranthene	µg/L	<0.0010
Benzo(k)fluoranthene	µg/L	<0.0010
Benzo(a)pyrene	µg/L	<0.0010
Indeno(1.2.3.cd)pyrene	µg/L	<0.00030
Benzo(g,h,i)perylene	µg/L	<0.00030
Dibenz(a,h)anthracene	µg/L	<0.00060
Sum of carcinogenic PAH (M1)	µg/L	<0.00295
Sum of PAH L (M1)	µg/L	<0.00450
Sum of PAH M (M1)	µg/L	<0.00250
Sum of PAH H (M1)	µg/L	<0.00310
Sum of 16 PAH (M1)	µg/L	<0.0101
Sum of other PAH (M1)	µg/L	<0.00715
Chloride	mg/L	63,2
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrites	mg/L	<0.0050
Sulphate as SO ₄ 2-	mg/L	8,97
Total Cyanide	mg/L	<0.0010
Nitrate	mg/L	0,217
Dichloromethane	µg/L	<0.10
1.1-Dichloroethane	µg/L	<0.020
1.2-Dichloroethane	µg/L	<0.020
trans-1.2-Dichloroethene	µg/L	<0.020
cis-1.2-Dichloroethene	µg/L	<0.020
1.2-Dichloropropane	µg/L	<0.020
Chloroform	µg/L	<0.020
Tetrachloromethane	µg/L	<0.020
1.1.1-Trichloroethane	µg/L	<0.020
1.1.2-Trichloroethane	µg/L	<0.020
Trichloroethene	µg/L	<0.020
Tetrachloroethene	µg/L	0,077
Vinyl chloride	µg/L	<0.020
1.1-Dichloroethene	µg/L	<0.020
Colour (True)	mgPt/l	<5.0
Total Organic Carbon	mg/L	<0.50

Hvað varðar áræðanleika, mælióvissu, mæliaðferðir og faggildingarstöðu einstakra mælinga í þessari skýrslu er vísað í meðfylgjandi frumgögn frá þeim rannsóknastofum sem mælingarnar gerðu.

Stenst gæðakröfur skv. reglugerð nr. 536/2001

fh. rannsóknastofu Mátís ohf

Hrólfur Sigurðsson

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Sérfræðingur